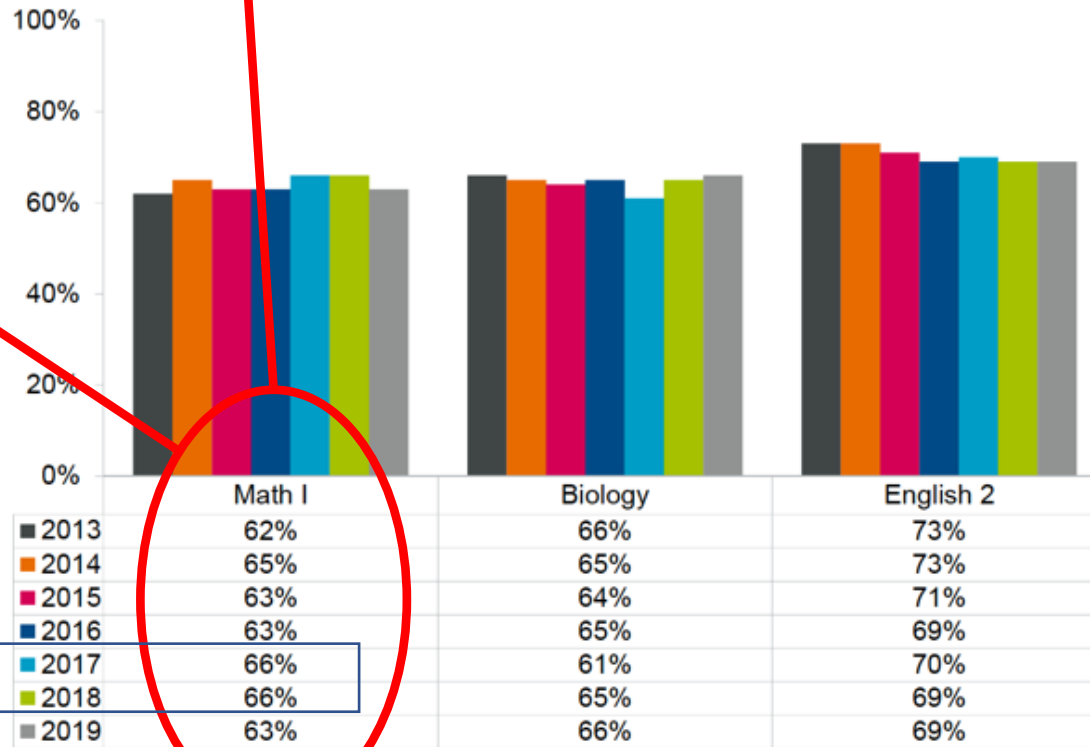


WCPSS Calculation

Source: BOE MTG 9_17_19_ CHIEF OF STAFF_ 2018-19 TESTING AND ACCOUNTABILITY RESULTS PRESENTATION (pdf file)

WCPSS Percent Proficient EOC Tests



Middle AND High School

Year 1 of MVP? FLAT

New Math I Test introduced in 2019.

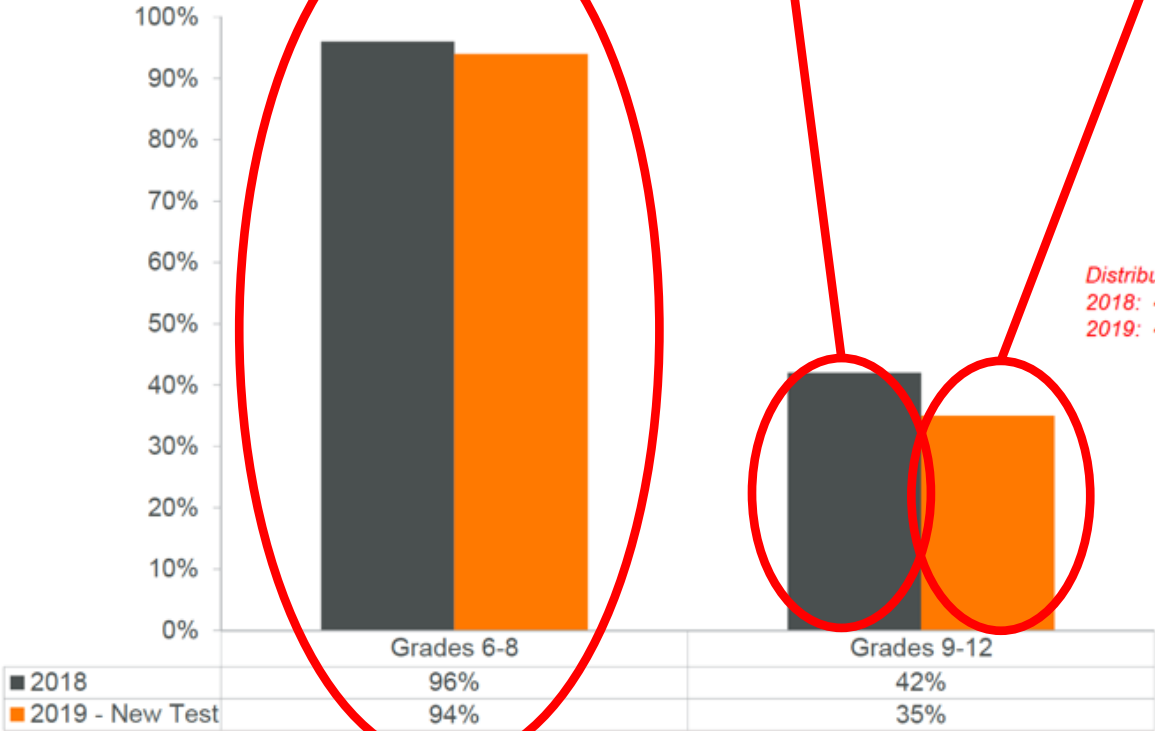
Math I results do not included "banked" scores for 9th grade students who took Math I in middle school.

**NCDPI
M1SEP metric**

WCPSS Calculation

**NCDPI
M1 metric**

WCPSS Percent Proficient Math 1 by Grade Span



*Distribution of Math I Test Takers
2018: 45% MS, 55% HS
2019: 48% MS, 52% HS*

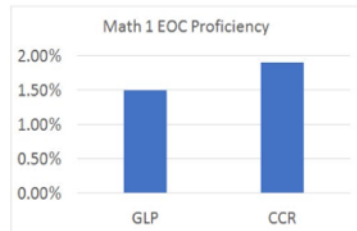
We are aware of 2 versions of the Math 1 data sets published by WCPSS to the public in the past year

3

Data set V1 - November 2018

Initial Data - Math 1 EOC Results

- GLP (Levels 3, 4, 5) proficiency **increased** by 1.5%
- CCR (Levels 4, 5) proficiency **increased** by 1.9%

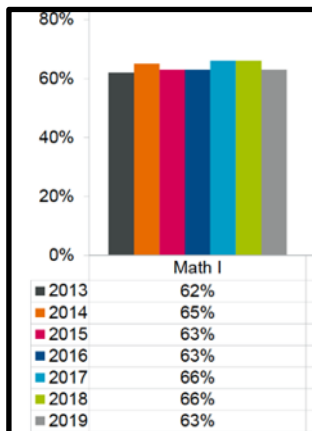


Scope: High school only, no banked scores

- Published by WCPSS in November 2018 SAC meeting, showing grade level proficiency (GLP) and college/career readiness (CCR) gains from 2016-2017 to 2017-2018 (year 1 of MVP in WCPSS)
- Internally calculated by WCPSS
- Tweeted by MVP in Nov 2018
- Quoted verbally and in emails to parents complaining about MVP
- Cited in the FAQ provided to Green Hope
- Cited in the response to 16 parents whose MVP complaints were denied
- Cited indirectly by MVP in lawsuit against WCPSS parent Blain Dillard
- Cited indirectly by MVP in public statement about Dillard and lawsuit
- Cited indirectly by N&O repeating WCPSS success claims
- Possibly seen by other NC counties choosing MVP
- Dr. Tillery provided prior 2 years context upon public records request
- Tweet removed by MVP upon request of WCPSS (upon request of parents)
- NOT updated or referenced in 9/17/19 Accountability update, except that the 2018 and 2019 GLP numbers were given on a separate chart (page 15).

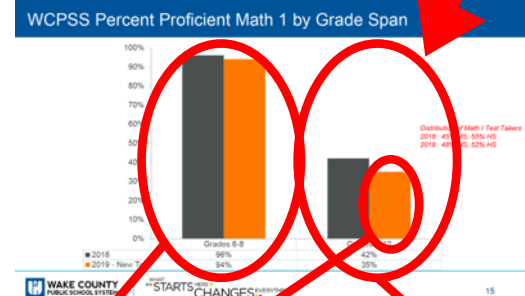
Data set V2 - September 2019

Scope: Middle & high schools, no banked scores



- Presented at 9/17 BoE meeting Accountability update (page 14)
- Shows only grade level proficiency (GLP) trends from 2013 to 2019 (no CCR)
- Internally calculated by WCPSS
- Not quoted in MVP or WCPSS communications about MVP success
- **Question:** In November 2018, why was this data not used instead of the V1 data?
- **Hypothesis:** See the 2017 vs 2018 results. Flat. The “high school-only” results told a more compelling story – modest gains.

NCDPI + Data set V1 September 2019



NCDPI

Data set V1

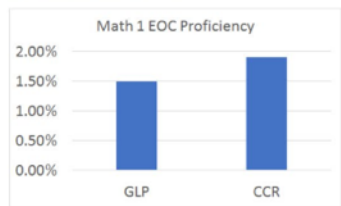
Critical thinking? Critical SINKING.

4

November 2018

Initial Data - Math 1 EOC Results

- GLP (Levels 3, 4, 5) proficiency **increased** by 1.5%
- CCR (Levels 4, 5) proficiency **increased** by 1.9%



Note: This data reflects high school Math 1 EOC performance. It does not include middle school data, which WCPSS chose not include when the original graphic on the left was produced to portray year 1 Math 1 increases.

March 2019

WCPSS provides context showing prior years

From Denise Tillery, Staff - CurriculumInst <dtillery@wcpss.net>
 Subject: Data request
 To: Blain Dillard
 Cc: Drew Cook, Staff - Academics <dcook@wcpss.net>, Bradley McMillen, Staff - DataAccountability <bmcmlen@wcpss.net>

Mr. Dillard,

In response to your March 3 request, below are the data numbers used to calculate the difference in percent proficient for WCPSS **high school students** from the 2016-17 school year to the 2017-18 school year on the Math 1 EOC. GLP refers to Grade Level Proficiency (Levels 3, 4, and 5) and CCR refers to College and Career Ready (Levels 4 and 5). This data is generated internally (not by NCDPI). For each year, the data reports the percent proficient **only for high school students** who were administered the Math 1 EOC during that school year. This allows for us to do a year-to-year comparison.

	Percent proficient Math 1			Difference from 2016-17 to 2017-18
	2015-16	2016-17	2017-18	
GLP	35.9	40.5	42.0	1.5
CCR	23.2	26.4	28.3	1.9

Attached is a description of how NCDPI pulls the data that is reported on their website. Note that this data combines scores across several years of Math 1 EOC administrations in order to adhere to their federal reporting guidelines, which often combines results for middle and high school students. As such, it is nearly impossible to answer a specific question about HS performance from their publicly reported data.

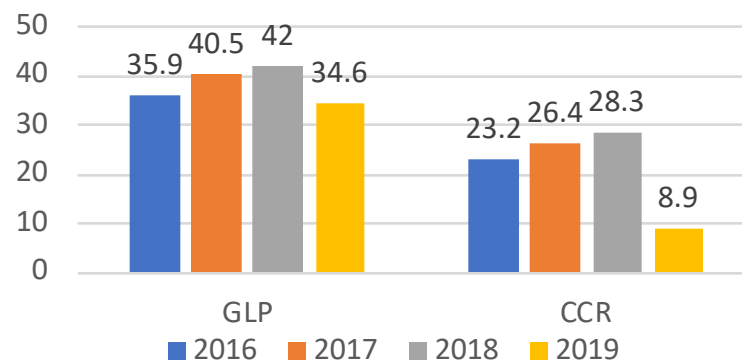
This additional information should clarify your concern.

Dr. Denise Tillery, Ed.D.
 Sr. Director of Curriculum Development
 Wake County Public School System
 5625 Dillard Drive
 Cary, NC 27518

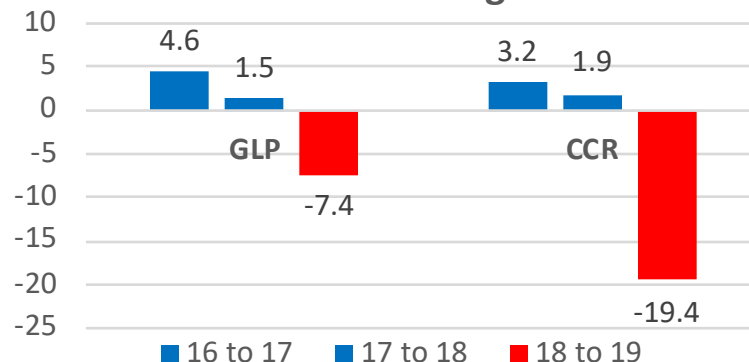
September 2019

"I can say that your numbers below for 2018-19 appear to be correct based on what we have." – WCPSS Brad McMillan

4 Year trend in high school Math 1 EOC



Year to Year change



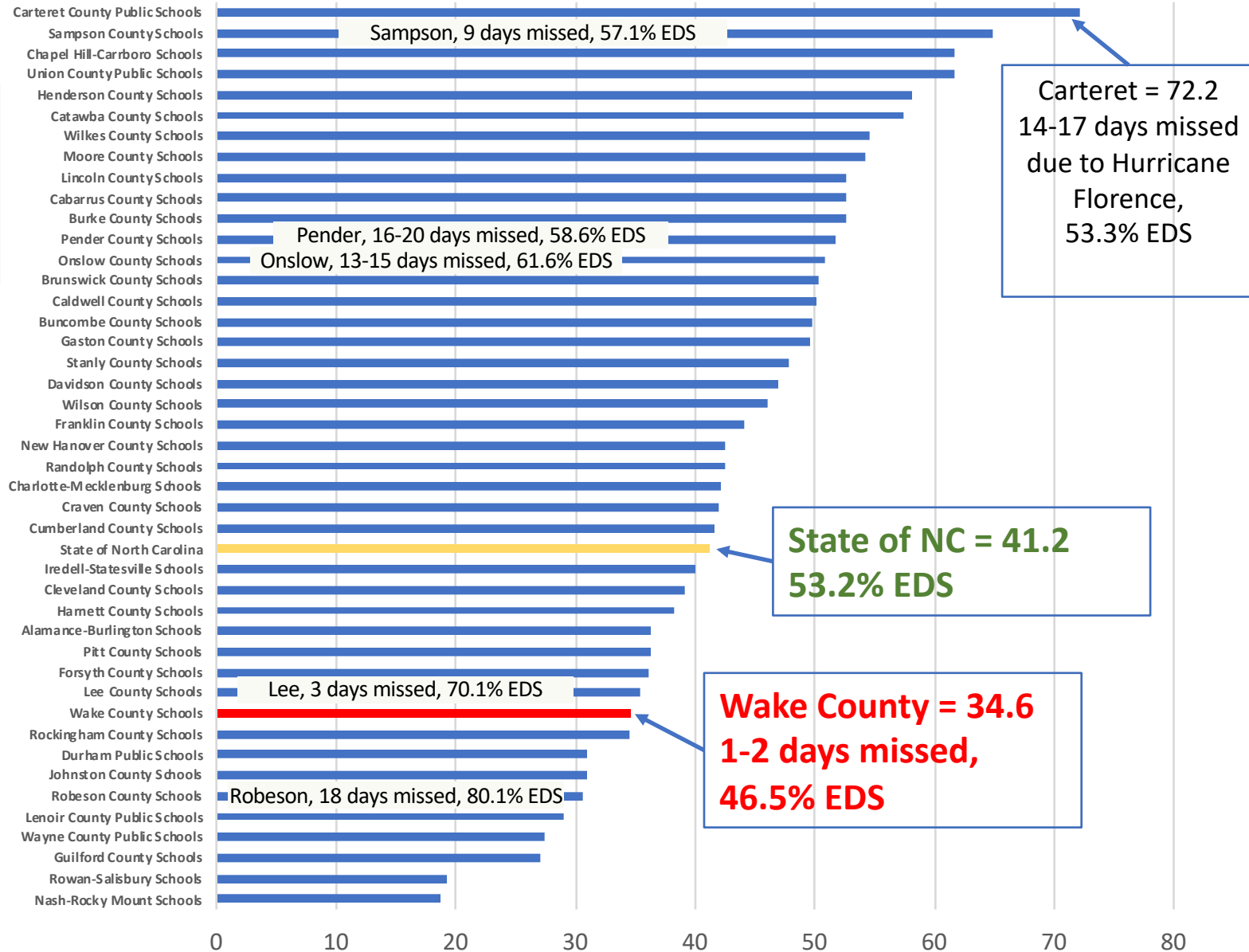
Sources: WCPSS for 2016, 2017, 2018 numbers, and DPI for 2019
<http://www.ncpublicschools.org/accountability/reporting/2018-19-School-Assessment-and-Other-Indicator-Data> (xlsx, 111.5mb)

How bad is our 2019 M1 GLP metric?

5

Districts
with > 500
test takers

EDS - Economically
Disadvantaged
Student



How bad is our 2019 M1 CCR metric?

6

Districts
with > 500
test takers

EDS - Economically
Disadvantaged
Student

